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JUL 23 2004
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/651,849
Filing Date	August 31, 2000
First Named Inventor	Sarath KUMAR et al.
Group Art Unit	2683
Examiner Name	Stephen M. D'Agosta
Attorney Docket Number	29250-001051/US

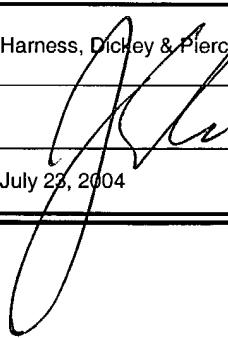
ENCLOSURES (check all that apply)

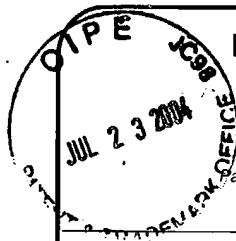
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Letter to the Official Draftsperson and () Sheets of Formal Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> LETTER SUBMITTING APPEAL BRIEF AND APPEAL BRIEF (w/clean version of pending claims) <input checked="" type="checkbox"/> Appeal Communication to Group (Appeal Notice) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		RECEIVED

JUL 28 2004

Technology Center 2000

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name John E. Curtin	Reg. No. 37,602
Signature			
Date	July 23, 2004		



FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 860.00)

Complete if Known

Application Number	09/651,849
Filing Date	August 31, 2000
Inventor(s)	Sarath KUMAR et al.
Examiner Name	Stephen M. D'Agosta
Group Art Unit	2683
Attorney Docket No.	29250-001051/US

RECEIVED

METHOD OF PAYMENT (check one)	
1. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:
Deposit Account Number	08-0750
Deposit Account Name	Harness, Dickey & Pierce, P.L.C.
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	
2. <input checked="" type="checkbox"/>	Payment Enclosed:
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other	

FEE CALCULATION (continued)

Fee Code	3. ADDITIONAL FEES		Fee Description	Fee
	Large Entity	Small Entity		
1051	130	2051	65 SurchARGE - late filing fee or oath	
1052	50	2052	25 SurchARGE - late provisional filing fee or cover sheet	
1053	1053	1053	130 Non-English specification	
1812	2,520	1812	2,520 For filing a request for reexamination	
1804	920*	1804	920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840* Requesting publication of SIR after Examiner action	
1251	110	2251	55 Extension for reply within first month	
1252	420	2252	210 Extension for reply within second month	
1253	950	2253	475 Extension for reply within third month	530
1254	1,480	2254	740 Extension for reply within fourth month	
1255	2,010	2255	1,005 Extension for reply within fifth month	
1401	330	2401	165 Notice of Appeal	330
1402	330	2402	165 Filing a brief in support of an appeal	
1403	290	2403	145 Request for oral hearing	
1451	1,510	1451	1,510 Petition to institute a public use proceeding	
1452	110	2452	55 Petition to revive - unavoidable	
1453	1,330	2453	665 Petition to revive - unintentional	
1501	1,330	2501	665 Utility issue fee (or reissue)	
1502	480	2502	240 Design issue fee	
1503	640	2503	320 Plant issue fee	
1460	130	1460	130 Petitions to the Commissioner	
1807	50	1807	50 Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180 Submission of Information Disclosure Stmt	
8021	40	8021	40 Recording each patent assignment per property (times number of properties)	
1809	770	2809	385 Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385 For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385 Request for Continued Examination (RCE)	
1802	900	1802	900 Request for expedited examination of a design application	
Other fee (specify) _____				

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 860.00)

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY

Complete if applicable

Name (Print/Type)	John E. Curtin	Registration No. Attorney/Agent)	37,602	Telephone	703-668-8000
Signature				Date	July 23, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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RESPONSE UNDER
37 C.F.R. § 1.116
EXPEDITED PROCEDURE
EXAMINING GROUP 2683

AF

PATENT
29250-001051/US

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Sarath KUMAR et al. Conf.: 4424 **RECEIVED**
Appl. No.: 09/651,849 Group: 2683 JUL 28 2004
Filed: August 31, 2000 Examiner: Stephen M. D'Agosta
For: ENHANCED METRIC FOR BIT DETECTION ON FADING
CHANNELS WITH UNKNOWN STATISTICS
Docket No.: 29250-001051/US

Technology Center 2600

**NOTICE OF APPEAL FROM THE
PRIMARY EXAMINER TO THE BOARD OF APPEALS**

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

June 23, 2004

Sir:

Applicants hereby appeal to the Board of Appeals from the decision dated January 23, 2004 of the Primary Examiner finally rejecting claims 1-29.

The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.

Applicants hereby petition for an extension of three (3) month(s) pursuant to 37 C.F.R. §§ 1.17 and 1.136(a).

The fee has been calculated as shown below:

NO extensions of time have been previously obtained for responding to the Final Rejection. Thus a fee of \$.00 is required for the full period of the above-requested extension of time.

- An extension of **two (2) month(s)** for responding to the Final Rejection was previously requested and paid for on **June 23, 2004**. Thus a fee of **\$530.00** is required.
- Applicant claims small entity status. See 37 C.F.R. § 1.27.

The Government fee for filing a Notice of Appeal to the Board of Appeals is calculated as follows:

- Large entity - \$330.00
- Small Entity - \$165.00

Therefore, the **TOTAL FEE** due for the filing of this Notice of Appeal is **\$860.00**.

Payment of the above **TOTAL FEE** is being made in the following manner:

- Check in the amount of \$860.00 is enclosed.
- Please charge Deposit Account No. 08-0750 in the amount of \$0.00. A triplicate copy of this sheet is attached.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY, & PIERCE, P.L.C.

By

John E. Curran, Reg. No. 37,602

P.O. Box 8910
Reston, Virginia 20195
(703) 668-8000

JEC:psy